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AF / 2FW  
1632



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Masaharu NODA et al.

Appl. No. 09/920,653

Filed: August 3, 2001

For: NAV2 CHANNEL GENE-  
DEFICIENT NON-HUMAN  
ANIMALS

Confirmation No.: 6043

Art Unit: 1632

Examiner: Thaian N. Ton

Atty. Docket No. 31671-173164

Customer No.

26694

PATENT TRADEMARK OFFICE

Reply

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**MAIL STOP AF**

Sir:

In response to the final Office Action dated May 5, 2004, Applicants submit the following amendment and response.

Amendments to the claims begin on page 2. Remarks begin on page 7.